

High Throughput Screening (HTS) assays

Abstract

- 5 The present invention is to provide a method to perform assays that efficiently and accurately can screen large numbers of cell populations producing variants of a molecule of interest.

The present invention relates more specifically to a method for screening a library of protein variants for functional variants with reduced antibody binding capacity, comprising the steps

10 of:

(i) generating a diversified library of protein variants starting from a relevant protein backbone,

15 (ii) transforming the library into suitable host cells,

(iii) culturing host cells,

(iv) sampling each cell culture,

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(v) analysing a sample by determining the antibody binding capacity of the variant protein,

(vi) analysing a sample by determining the functionality of the variant protein.

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